

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 August 2003 (14.08.2003)

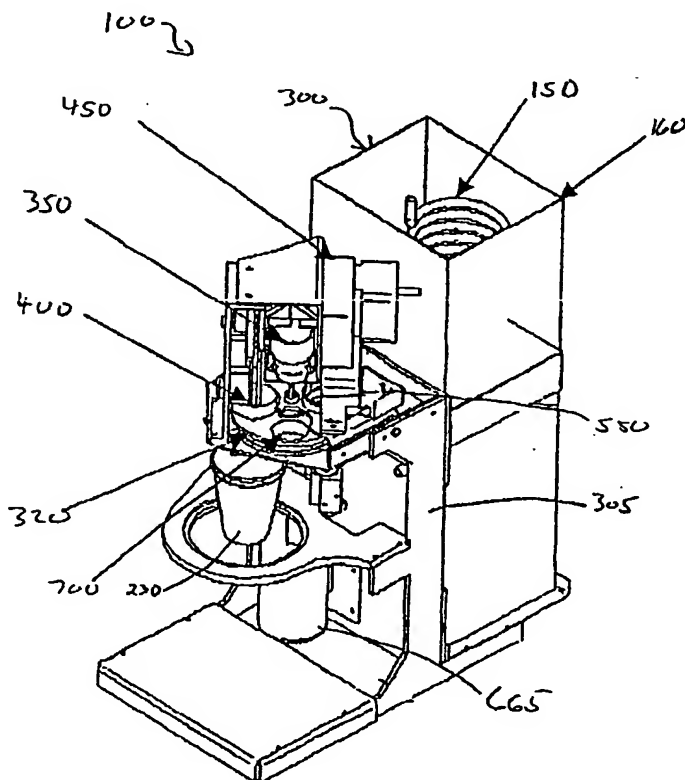
PCT

(10) International Publication Number  
**WO 2003/065859 A3**

- (51) International Patent Classification<sup>7</sup>: **A47J 31/40**
- (21) International Application Number:  
PCT/US2003/003075
- (22) International Filing Date: 3 February 2003 (03.02.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
10/071,643 7 February 2002 (07.02.2002) US
- (71) Applicant: **THE COCA-COLA COMPANY [US/US]**;  
Patent Department, One Coca-Cola Plaza, NW, Atlanta, GA 30313 (US).
- (72) Inventor: **GREEN, Charles, Bradley**; 1077 Cedar Oak Court, Lawrenceville, GA 30043 (US).
- (74) Agents: **WARREN, Daniel, J. et al.**; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-03996 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declarations under Rule 4.17:**  
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations*

[Continued on next page]

(54) Title: COFFEE AND TEA DISPENSER



(57) Abstract: A beverage system for brewing a beverage from a beverage material and a source of hot, pressurized water. The beverage system may include a cartridge with the beverage material therein. The cartridge may include a seal positioned about the beverage material. The beverage system also may include an injection system for injecting the hot, pressurized water into the cartridge so as to brew the beverage from the beverage material.



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

**Published:**

- *with international search report*

**(88) Date of publication of the International search report:**  
31 December 2003

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 03/03075

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A47J31/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	FR 2 617 389 A (DESALTERA) 6 January 1989 (1989-01-06) the whole document	1-5, 44-46 6-10, 47-51
X	--- US 2 968 560 A (NATHAN GOROS) 17 January 1961 (1961-01-17) the whole document	1-5, 44-46
X	--- US 5 472 719 A (FAVRE ERIC) 5 December 1995 (1995-12-05) the whole document	1-5, 44-46
X	--- US 2001 052 294 A1 (SCHMED ARTHUR) 20 December 2001 (2001-12-20) the whole document -----	1-5

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

15 May 2003

Date of mailing of the international search report

01.08.03

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Fritsch, K

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 03/03075

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-10, 44-51

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest.

☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/03075

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 2617389 A	06-01-1989	NONE	
US 2968560 A	17-01-1961	DE 1404799 A FR 1248283 A GB 938617 A	12-12-1968 09-12-1960 02-10-1963
US 5472719 A	05-12-1995	AT 400291 B AU 650064 B AU 8720191 A BE 1006165 A CA 2072367 A,C CH 682909 A CH 688686 A WO 9207775 A DE 4192762 C DE 4192762 T DK 85792 A EP 0507905 A ES 2085823 A FR 2668451 A GB 2255494 A,B IT 1250066 B JP 8032249 B JP 5502817 T LU 88131 A NL 193790 B NL 9120010 T PT 99373 A,B SE 513548 C SE 9201946 A	27-11-1995 09-06-1994 26-05-1992 31-05-1994 01-05-1992 15-12-1993 15-01-1998 14-05-1992 19-09-2002 28-01-1993 30-06-1992 14-10-1992 01-06-1996 30-04-1992 11-11-1992 30-03-1995 29-03-1996 20-05-1993 15-02-1993 03-07-2000 01-10-1992 31-01-1994 02-10-2000 24-06-1992
US 2001052294 A	20-12-2001	AT 225627 T AU 4621101 A BR 0102375 A CA 2348252 A CN 1328804 A CZ 20011814 A DE 50100037 D DK 1163869 T EP 1163869 A ES 2184726 T HU 0102449 A JP 2002028080 A PL 348078 A PT 1163869 T TR 200201609 T	15-10-2002 20-12-2001 19-02-2002 14-12-2001 02-01-2002 16-01-2002 14-11-2002 10-02-2003 19-12-2001 16-04-2003 28-01-2002 29-01-2002 17-12-2001 28-02-2003 21-08-2002